









melanogaster genome using these BACs. For further information please see <http://www.fruitfly.org/seq-www/bac.html>.

melanogaster BAC library was prepared by Kazuo Ohsawa and Aaron Mammos in Pinter de Jong's Laboratory in the Department of Cancer Genetics at the Roswell Park Cancer Institute in Buffalo, NY. The library is named RPL1-98 and was constructed by partial EcoRI digestion of Drosophila DNA provided by the BACP from the isogenic strain y2; en1; ba sp, the same strain used for the BACP's pl and EST libraries. A more detailed description of the library and how to order individual BAC clones, the entire library, or filters for hybridization from the BACP's Resource Center can be found at <http://34.136.141.9>.

Location/Qualifiers  
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: GENERAL INFORMATION:
: APPLICANT: Warren, Wesley C.
: APPLICANT: Tao, Nengbing
: APPLICANT: Byatt, John C.
: APPLICANT: Mathalaan, Naqappan
: TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACIATION AND
: TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
: FILE REFERENCE: 16511.006/37-21(10299)C
: CURRENT APPLICATION NUMBER: 08/09/360,352
: CURRENT FILING DATE: 2001-09-24
: NUMBER OF SEQ ID NOS: 15112
: SEQ ID NO 12872
: LENGTH: 479
: TYPE: DNA
: ORGANISM: Bos taurus
: OTHER INFORMATION: Clone ID: 55 LIB4057 919 Q1 K1 F4
US-09-460-352-1046

Query Match 4.4%; Score 41.4; DB 10; Length 479;
Best Local Similarity 49.5%; Pred. No. 0.45;
Matches 114; Conservative 0; Mismatches 121; Indels 0; Gaps 0;

QY 48 AAAATAGTCACAAATGCTATCTATCTATAGGATGATTTAGTAGGATTAATATGATTA 107
DB 245 AATATTAAGCTTTTAAATATGCTATCTATCTATAGGATTAATATGATTAATATG 111
QY 108 ATTCTCTCTCTATGCTCAAAATGCTCTCTCTATGCTCTCTATGCTCTCTATGCT 167
DB 305 ATTTTAAATGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 164
QY 148 AGCAATTTCTCTCTCAAAATGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 227
DB 365 TAAATTTATTTATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTT 421
QY 228 GATTAATTTCTCTCAAAATGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 282
DB 425 ATTTTAAATTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 479

RESULT 6
US-10-044-090-188Z
: Sequence 188, Application US/10044090
: Patent No. US20020137081A1
: GENERAL INFORMATION:
: APPLICANT: Oida Bandman
: TITLE OF INVENTION: CURVES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATION
: FILE REFERENCE: PA-0028 US
: CURRENT APPLICATION NUMBER: 08/09/344,660
: CURRENT FILING DATE: 2002-01-09
: NUMBER OF SEQ ID NOS: 850
: SOFTWARE: PERL Program
: SEQ ID NO 188
: LENGTH: 3924
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc_feature
: OTHER INFORMATION: Inyte ID No. 0820000137081A1 385713.1
: NAME/KEY: cdsure
: LOCATION: 3902, 3912, 3918, 3920
: OTHER INFORMATION: a, b, c, g, or other
US-10-044-090-188

Query Match 4.3%; Score 40.4; DB 12; Length 3924;
Best Local Similarity 56.9%; Pred. No. 1.6;
Matches 74; Conservative 0; Mismatches 56; Indels 0; Gaps 0;

QY 50 TCAATTAATTAATCTAATATTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 149
DB 321A TGAATAGTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 3160
QY 150 TAAATAATTAATTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 209
DB 111111111111111111111111111111111111111111111111111111111111

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: Sequence 13, Application US/09816894
: Patent No. US20020273448A1
: GENERAL INFORMATION:
: APPLICANT: Michalowski, Susan
: APPLICANT: Spiker, Steven
: TITLE OF INVENTION: MATRIX ATTACHMENT KNOTS-BS
: FILE REFERENCE: 5021.351XADW
: CURRENT APPLICATION NUMBER: 08/09/316,694
: CURRENT FILING DATE: 2001-06-20
: NUMBER OF SEQ ID NOS: 22
: SOFTWARE: Patent in version 3.0
: SEQ ID NO 13
: LENGTH: 1499
: TYPE: DNA
: ORGANISM: Nicotiana tabacum
US-09-816-894-13

Query Match 4.2%; Score 40; DB 10; Length 1499;
Best Local Similarity 55.7%; Pred. No. 1.5;
Matches 29; Conservative 0; Mismatches 75; Indels 1; Gaps 1;

QY 3 AGGCTTCTCAATTAATTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 62
DB 1294 ATGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1264
QY 63 TCTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 119
DB 1264 TATTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1324
QY 120 GTAAGCTCAAAATGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 175
DB 1324 GAAAGCTCAATTAATTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1379

RESULT 8
US-09-960-352-1046
: Sequence 1536, Application 08/09/360,352
: Patent No. US20020137139A1
: GENERAL INFORMATION:
: APPLICANT: Warren, Wesley C.
: APPLICANT: Tao, Nengbing
: APPLICANT: Byatt, John C.
: APPLICANT: Mathalaan, Naqappan
: TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACIATION
: TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
: FILE REFERENCE: 16511.006/37-21(10299)C
: CURRENT APPLICATION NUMBER: 08/09/360,352
: CURRENT FILING DATE: 2001-09-24
: NUMBER OF SEQ ID NOS: 15112
: SEQ ID NO 1036
: LENGTH: 344
: TYPE: DNA
: ORGANISM: Bos taurus
: OTHER INFORMATION: Clone ID: 95 LIB4058 921 Q1 K1 B1
US-09-960-352-1046

Query Match 4.2%; Score 39.6; DB 10; Length 344;
Best Local Similarity 47.9%; Pred. No. 1.1;
Matches 114; Conservative 0; Mismatches 121; Indels 0; Gaps 0;

QY 60 TCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 119
DB 61 TTTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 120

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Query Match: 4.1%; Score 48.6; DB 10; Length 2644;
Best Local Similarity 50.0%; Pred. No. 1.87;
Matches 95; Conservative 0; Mismatches 94; Indels 0; Gaps 0;

QY      83  TIAGTACTGCACTAAATATATCTATATAATTTCTCTCTCTGTCATGCTCAAAATCACTGCTGCTT 142
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DB      1664  TTAATGAAAGAGTGTGTGTAATTTATTTTGGTTATACAGAGCTTTAAAGATGCTAGGTTCT 1723

QY      148  TAAAGCAATATATAATTAATCTTGTATACAAATTTCTCTCTCAAAATCAATATCAATATCAAGCAAT 207
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB      1724  GAAATAAAAAAATTAATTCATACAAATTCAGTGTGTCTGGGTTTTCGAATCAAAAAAGTAGTT 1783

QY      203  TTAAGATCTTTTCTGTATATATATATATATATATATATATATTTCTTCAAAATCTCTATCAAAACA 262
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB      1784  CAAAGAGCTGGTGAAGCAATTTCTTAAGTCTTCTTCTGATGCTGCTGCTGCTGCTGCTGCTGCT 1843

QY      263  TTTTCAATTA 271
      |||||
DB      1844  TAAATTTTAA 1952

RESULT 13
US 09-790-988-1
: Sequence 1, Application US/2007/00699
: Patent No. US2007021687A1
: GENERAL INFORMATION:
: APPLICANT: SHIGEMORU, SHUJI
: APPLICANT: WATANABE, HIROMI
: APPLICANT: HATOGL, MASAHISA
: APPLICANT: SAKAKI, YOSHIYUKI
: TITLE OF INVENTION: GENOME DNA OF BACTERIAL STERENT OF ABUTUS
: FILE REFERENCE: 081366/0169
: CURRENT APPLICATION NUMBER: US 2007/00699

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# RESEARCH IN PROGRESS

